

MAJERNIK, Peter, kapitan

The Bratislava harbor. Doprava no.9:308-310 '62.

MAJERNIK, Peter, kapitan

Tests of push navigation through the Danube Cataracts and their  
results. Doprava no.3:234-237 '63.

SILINK, K.; MAJEROVA, A.; CERNY, K.; VOHNOUT, S.; HOSCHL, R.

Investigation on I-131 and iodine fractions in differential  
diagnosis of carcinoma of the thyroid gland. Neoplasma, Bratisl.  
7 no.1 suppl:123-126 '60.  
(IODINE metab)  
(THYROID GLAND neopl)

POGANY, J.; MAREK V. A.

level of serum copper in central nervous system in rats treated with  
insulin and in rats in model of motor states caused by insulin.  
Cesk. psychiat. 60 no.4:226-233 Aug 1974.

1. Krajska psychiatricka nemocnice v Bratislavě a Ústav pro studium  
lékarstvo lékařské fakulty Univerzity Komenského v Bratislavě.

CZECHOSLOVAKIA

SUCHY, V., RADA, K., MAJEROVA, A.

1. Department of Pharmacognosy, Faculty of Pharmacy, Comenius University  
(Katedra farmakognosie farmaceuticke fakulty University Komenského),  
Bratislava - (for ?);

Bratislava, Farmaceuticky obzor, No 8-9, August/September 1965 pp 354-362

"Thin-layer chromatography in centrifugal field I."

PELESKA, B.; JELINEK, M.; Tomanek, J.; Blazek, Z.; Kaba, V.; CERNA,  
H.; MAJEROVA, R.; SNEHALOVA, A.

Combined electrical resuscitation unit. uszl. cir. 43 no. 4: 253-258  
Ap 1964.

1. Ustav zivnosti a experimentální chirurgie, Praha a Vysoký  
ustav zdravotnický, Praha.

SPACEK, B.; PELESKA, B.; ZASTAVA, V.; HANMER, J.; PISA, Z. Technická  
spoluprace: RABL, M.; ELAZEK, Z.; ZIRHALOVA, A.; CERNÁ, H.; MAJEROVA, H.

Reversibility of cardiac contraction after temporary obstruction  
of the coronary arteries. Cas. lek. cesk. 104 no.1:1-11 8 Ja '65

1. Ustav klinické a experimentální chirurgie v Praze (reditel -  
prof. dr. B. Spacek, DrSc.) a Ustav pro choroby oběhu krevního  
v Praze (reditel - prof. dr. J. Brod, DrSc.).

MAJEROVA, M.

Review of surgical operations in the Second Ophthalmologic  
Clinic in Prague, 1945-50. Cesk. ofth. 7 no. 6:424-429  
Nov. 1951. (CJML 21:3)

1. Of the Second Eye Clinic of Charles University, Prague  
(Head—Prof. J. Kurz, M. D.).



MAJEROVA, M., dr.

Complex development of the unified transportation system in  
the Soviet Union. Doprava no.2:153-155 '63.

*MAJEROVA, M*

*Med* ✓ 3305  
RADON CONTENT OF THE AIR. - J. Bascouk and M.  
Majrova (Czechoslovak Academy of Sciences, Prague).  
Nature 178, 1457 (1956) Dec. 30.

*2*

CZECHOSLOVAKIA/Nuclear Physics - Installations and Instruments. C-2  
Methods of Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 10, 1958, No 22173

Author : Klumppar J., Majerova M.  
Inst : Dosimetric Division, Institute of Nuclear Physics, Czechoslovak Academy of Sciences, Prague, Czechoslovakia.  
Title : Effect of Amplification and Discrimination on the Form and Position of the Counter Characteristics of Geiger-Mueller Counters in Decade Scalers of Czechoslovak Manufacture

Orig Pub : Jaderna energio, 1957, 3, No 10, 304-305; discuss. 305-306, 320

Abstract : An investigation was made of the dependence of the form and position of counting width characteristics of Geiger-Mueller counters, used with decade scaler instruments of Czechoslovak manufacture. It turns out in these counters, at a high gain, there occurs a multiplication in the number of true pulses, so that when estimating the results it is possible to admit serious errors. Characteristics were obtained corresponding

Cerd : 1/2

CZECHOSLOVAKIA/Nuclear Physics - Installations and Instruments.  
Methods of Measurement and Research

C-

Ref : Ref Zhur Fizika, No 3, 1961, 5195

Author : Klumpar Josef, Majerova Miroslava, Jirousek Pavel

Institution : Dosimetricke oddeleni UJV-CSAV, Prague, Czechoslovakia

Title : Dosimetry of Radioactive Isotopes Using a  $4\pi$ -Counter and  
Comparison of the Results Obtained with Measurements made  
with a G-M Counter

Orig Pub : Jaderna energie, 1959, 5, No 6, 190-193

Abstract : The authors describe the construction and give the basic  
parameters of a flow-through  $4\pi$ -counter, intended for the  
measurement of radioactive isotopes. The counter consists  
of two chambers, with individual anodes. Both chambers  
are separated by a thin liner, on which is deposited the  
measured radioactive compound. The anodes of the counter

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CZECHOSLOVAKIA/Nuclear Physics - Installations and Instruments.  
Methods of Measurement and Research.

C-

Abstr Jour : Ref Zhur Fizika. No 3, 1966, 5195

are made of tungsten wire 0.05 mm in diameter. A brief description is given of the influence of the liner on the results of the measurements of the activity of the compounds with different  $\beta$ -spectrum energy. The results of the measurements are compared with the data obtained with the aid of a GM counter with thin window. An analysis of the measurement errors is made.

Card 2/2

KLUMPAR, Josef; MAJEROVA, Miroslava; JIRCUSEK, Pavel

Determining the low concentration of radium in water by scintillation counting the electrodeposited decay products of radon. <sup>Raderna</sup>  
energie 6 no.12:404-408 D '60.

1. Dosimetricke oddeleni, Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved.

KLUMPAR, Josef; MAJEROVA, Miroslava

Scintillation measurement of aqueous solutions of beta radiators. Jaderna energie 8 no.10:256-262 0 '62.

1. Radiologicka dozimetrie, Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved.

1969  
Z/038/62/000/010/003/005  
D267/D307

AUTHORS: Klumpar, Josef and Majerová, Miroslava  
TITLE: Scintillation counting of aqueous solutions of  
beta emitters  
PERIODICAL: Jaderná energie, no. 10, 1962, 356-362

TEXT: The object of research was to develop a method of measurements in which the dependence of the detection efficiency of the apparatus on the energy of beta emission would be as small as possible. In the case of small concentrations an apparatus with the least background is the most advantageous. Whilst discussing the use of homogeneous mixtures (solutions) the authors adduce the data thus far available, and present in the form of tables their own results dealing with (1) the relative detection efficiency of scintillation solutions with p-dioxan for various water contents and various working potentials, and (2) the dependence of the detection efficiency of solutions with 11.1 and 33.3% of H<sub>2</sub>O on the energy of beta emission. The use of scintillation solutions is

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Scintillation counting ...

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advantageous in the case of aqueous solutions of a relatively high activity, so as to make it possible to work with  $\approx 1$  ml of solution sample and  $\approx 10$  ml of the scintillator. As regards the use of heterogeneous mixtures (gel-like or solid scintillators) the results obtained by the authors are not reproducible. Both methods are suitable only for concentrations in excess of  $10^{-7}$  c/l: moreover, their detection efficiency is highly dependent on the energy of radiation, and large volumes of the scintillator produce a high background noise. To avoid these disadvantages it is recommended to work with evaporated residues. The authors determined the photon detection efficiency of the flat (thin) organic scintillator developed by R.V. Semova (Kernenergie, v. 2, 1959, 663-664). This scintillator, containing more than 90% of terphenyl, was found to give better results than other organic scintillators: the minimum amount of radioactive substance, that can be easily detected with this scintillator in conjunction with a simple electronic apparatus is about  $5 \times 10^{-11}$  c (when the probe is not protected with Pb). The new scintillator is characterized by a very small sensitivity

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Scintillation counting ...

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to gamma background, and its beta detection efficiency is independent of the beta radiation energy. There are 7 figures and 3 tables. The most important English-language reference is R.B. Owen, 'Scintillation counters', Nuclear Power, v. 5, no. 54, 1960, 82-86.

ASSOCIATION: Radiologická dozimetrie ÚJV ČSAV (Radiological Dosimetry, ÚJV ČSAV)

Card 3/3

hhh 91.

G/025/62/000/010/004/007  
B164/B102

2 / 6000

AUTHORS: Klumpar, J., Majerová, M.

TITLE: Scintillation measurements of  $\beta$ -emitters in their aqueous solutions

PERIODICAL: Kernenergie, nos. 10-11, 1962, 774-781

TEXT: This paper, based on available publications, discusses methods of using homogeneous and heterogeneous mixtures of the solution with the scintillator, applicable both to scintillation measurements of aqueous solutions of  $\beta$ -emitters and to measurement of the evaporation residues. The energy dependence of efficiency and the background effects are considered. Details of measurements made by the authors are reported. For a homogeneous mixture, the effect of dissolved salt ( $\text{Na}_2\text{CO}_3$ ) on the limit beyond which it is impossible to mix the systems water/toluene/methanol and water/p-dioxane is investigated (F. N. Hayes, D. G. Ott, LASL Contract #7405-Eng. 36). A Soviet  $\text{PY-19M}$  (FEU-19M) photomultiplier is used to measure the relative efficiency of scintillation solutions containing p-dioxane at various water contents and the dependence on the  $\beta$ -energies of certain

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Scintillation measurements of...

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radionuclides at various potentials. The results show that the mixing method can be used for measuring radioactivities higher than  $10^{-10}$  c in small volumes. The flat type of scintillator composed of p-terphenyl with up to  $40 \text{ mg/cm}^2$  developed by N. V. Semova (Atomn. Energ. 5, 1958) is investigated as regards its applicability to measuring residues of evaporation. A diagram relating to the terphenyl scintillator shows the degree of efficiency for photons (0.3-2%), the effect of the surface weight on background pulses and the ratio of background pulse density to efficiency for  $\beta$ -energies of the radionuclides  $\text{Ca}^{45}$ ,  $\text{Co}^{60}$ ,  $\text{Tl}^{204}$ ,  $\text{Sr}^{90} + \text{Y}^{90}$  at various potentials of the photomultiplier. A commercial scintillator is compared with the  $\beta$ -scintillator. A terphenyl scintillator of  $15 \text{ mg/cm}^2$  is particularly advantageous since it permits of detecting activities as low as  $5 \cdot 10^{-11}$  c. Comparative results from measurements of the relative efficiency referred to p-terphenyl are given for 1,4 diphenyl butadiene, POPOP, 2,5 diphenyl oxazol, and  $\alpha$ -naphthyl-phenyl oxazol. There are 7 figures and 3 tables. X

ASSOCIATION: Dosimetrische Abteilung des Instituts für Kernforschung der Tschechoslowakischen Akademie der Wissenschaft (Dosimetric Department of the Nuclear Research Institute, Academy of Sciences CSSR)

Card 2/3

Scintillation measurements of...

C/025/62/000/010/004/007  
B164/B102

SUBMITTED: March 2, 1962

X

Card 3/3

KLUMPAR, Josef; MAJEROVA, Miroslava

Origin of errors in sample preparation for absolute calibration of beta radiating solutions by  $4\pi$  counters. Jaderna energie 9 no.8:258-264 Ag '63.

1. Radiologicka dizimetrie, Ustav jaderného výzkumu, Československá akademie věd.

KLUMPAK, Josef; MAJL OSA, Jaroslava

Correction of absorption in the carrier film during beta emitter standardization in the  $4\pi$ -counter. Jaderna energie 9 no.10:315-318 '63.

1. Radiologicka dozimetrie, Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved, Praha.

KLUMPAR, Josef; MAJEROVA, Miroslava

Self-absorption of  $Sr^{90} + Y^{90}$  beta radiation in the preparations with surface density up to  $23 \text{ mg/cm}^2$  measured with a  $4\pi$ -counter. Jaderna energie 10 no. 5:163-171 My '64.

1. Radiological Dosimetry, Institute of Nuclear Research, Czechoslovak Academy of Sciences, Prague.



JIRASIK, K.; MAJEROVA, M.

Therapeutic evaluation of reflex massage. Fyziat. revue. 43 1965:  
40-44 F 165

1. Fyziatrické ošetření MVN v praxi (včetně - MUDr. V. Lastný).

10/10/10 10 10 10  
JANOK, J., RNDr. Prom biochem.; MAJEROVA, Zd., Prom biochem.; VALENTINOVA, I., Ing.;  
MASEK, J., Ing.; TICHY, V., Ing.

In vitro anticholinesterase effect of coumarin dialkylphosphoric &  
dialkylthiophosphoric acid esters. Pracovni lek. 9 no.6:506-512 Dec 57.

1. Ustav hygieny prace z chorob z povolania v Bratislave, prednosta MUDr.  
I. Klucik Vyskumny ustav agrochemickej technologie v Bratislave. J. J.  
Bratislava, Ustav hygieny prace.

(COUMARIN, eff.

dialkylphosphoric & dialkylthiophosphoric acid esters, in  
vitro anticholinesterase ff. (Cz))

(CHOLINESTERASE, antag.

coumarin dialkylphosphoric & dialkylthiophosphoric acid esters  
in vitro (Cz))

MAJEROVA, Zdz., (Prom biochem); JANOK, J., RNDr.

Anti-cholinesterase activity in vitro of certain compounds of the type of parathion. Pracovni lek. 10 no.1:12-15 Mar 58.

1. Ustav hygieny prace a chorob z povolania v Bratislave, prednosta  
MUDr I. Klucik. Z. M. Bratislava, Ustav hygieny prace.

(PARATHION, related compounds,  
anti-cholinesterase activity in vitro (Cz))  
(CHOLINESTERASE, antagonists,  
parathion cpds., in vitro (Cz))

NOVAK, A.; JENEI, J.; MARCINKO, A.; KATOLIC, J.

Apr 68s of disease. ...  
Aratist. ...

1. Kataris ...
- 2 polikliniky ...
3. ...

MAJEROWICZ, Alfred

Staurolite from the metamorphic schists of the vicinity of  
Glucholazy. Archiw min 23 no.1:135-153 '59 [publ. '61].

1. Department of Mineralogy and Petrography, University, Wroclaw.

ZAWILSKI, Jerzy; MAJEROWSKI, Jan

Abdominal injuries. Polski przegl. chir. 35 no.6:611-617 '63.

1. Z I Kliniki Chirurgicznej AM w Poznaniu Kierownik: prof. dr  
S. Nowicki.

(ACCIDENTS, TRAFFIC) (ABDOMINAL INJURIES)  
(STATISTICS)



MAJERS, S.

One-family houses built of reed. p. 6

ROLNIK SPOLDZIELCA (Centrala Rolniczej Spoldzielni "Samopomoc Chlopska")  
Warszawa, Poland Vol. 8, No. 45, Nov. 1955

Monthly list of East European accessions (EEA) LC, Vol. 9, No. 2, Feb. 1960

uncl.



MAJEWSKA, Halina

Effect of factors destroying cell receptors on formation of  
incomplete particles of Newcastle Disease Virus (NDV).  
Acta microbiol. Pol 13 no.3:195-204 '64.

1. From the Laboratory of General Virology, Institute of Veterinary  
Research, Pulawy.

SEBROWSKI, Leon; MAJ NIE, Halina, RYCZYŃSKI, Józef

Investigations on the variability of the pathogenicity of  
Newcastle Disease Virus (NDV). Acta microbiol. 61 12  
no.3:205-210 '64.

1. From the Laboratory of General Virology, Institute of  
Veterinary Research, Pulawy.

MAJERSKA, Irena

Aqueous emulsions of lubricating oils for lubrication of locomotive engines. Przegl kolej mechan 15 no. 5: 142-144 My '63.

1. Centralny Ośrodek Badań i Rozwoju Techniki Kolejnictwa, Warszawa.

MAJEWSKA, Magdalena; MIAZEK, Urszula; STASZEWSKA, Halina; TUSZKIEWICZ, Ewa; WASAK, Henryk

Analysis of the morbidity and clinical picture of leukemia in children in 1949-1961. Pol. tyg. lek. 19 no.47:1813-1815  
23 N'64

1. Z II Kliniki Pediatricznej Akademii Medycznej w Lublinie (kierownik: doc. dr. med. A. Gebala).

MAJERSKI, ALEKSANDER

GEOGRAPHY & GEOLOGY

MAJERSKI, ALEKSANDER, Warszawa w rysunkach Aleksandra Majerskiego  
(napisali) Alina Sokółowska i Antonia Zalewska. Warszawa, Wydawn.  
Arkady, 1952. 60 p. (Warsaw in drawings of Aleksander Majerski.  
illus.) MIDW Not in DLC

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,  
May 1959, Unclass.

OCHEDUSZKO, Stanislaw, prof. dr inz.; MAJERSKI, Boleslaw, mgr inz.

Application of steam ejectors in industry. Pt. 1. Gosp paliw  
11 no.5:164-168 My '63.

OCHEDUSZKO, Stanislaw, prof. dr inz.; MAJERSKI, Boleslaw, mgr inz.

Application of steam ejectors in industry. Pt. 2. Gosp paliw 11  
no.7:245-248 J1 '63.

SCHEDESZKO, Stanislaw, prof. dr inż.; MACHUSKI, Boleslaw, mgr inż.

Use of steam ejectors in industry. Pt.3. Gosp paliw 11  
no.11:758 (1975).



MAJERSKI, Boleslaw, mgr inz.

Scientific and technological conference on the technological progress in power engineering in the chemical industry. Gosp paliw 11 no.12:475-476,479 D'63.

M. JERSKI, Boleslaw, mgr inz.

Technical progress of the chemical industry in power engineering.  
Chemik 16 no.11:353-354 N '63.

MAJERSKI, B., mgr inz.

Application of the international system of measuring  
units, a topic of a scientific and technological conference  
of electric power engineers of the chemical industry.  
Gosp. paliw 12 no. 3: 104-10. Mr '64

MASTROKI, V. mer. inzh.

Application of the international system of measuring  
units in industry. Tekhn. 10 no. 1022-29 Ja '64.

MAJERSKI, Boleslaw, mgr inz.

Utilization of waste heat in the chemical industry. Chemix  
17 no. 2: 67-68 F '64.

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1. The first part of the document is a

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main points of the

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CIA-RDP86-00513R001031410018-2"

MAJERSKI, S.

Weight check equations for arithmetic operations in digital computers.  
Bul Ac Pol tech 9 no.1:53-58 '61. (EEAI 10:9)

1. Institute of Mathematical Machines, Polish Academy of Sciences.  
Presented by J. Groszkowski.

(Electronic digital computers)

40297

S/194/62/000/006/003/232  
D222/D309

9.7100

AUTHOR: Majerski, Stanisław

TITLE: Weight check equations for arithmetic operations in digital computers

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1962, abstract 6-1-10 sh (Prace zakł. apar. mat. PAN, 1961, A, no. 12, pp. 53-58)

TEXT: A method of automatic checking of the arithmetical operations in digital computers is described. To a sequence of integers at the input of a device

$$x(1), x(2), \dots, x(3) \quad (1)$$

there corresponds a unique sequence of integers at the output

$$y(1), y(2), \dots, y(t). \quad (2)$$

For every calculating device we can write a relationship

$$W(x^{(1)}, \dots, x^{(3)}, y^{(1)}, \dots, y^{(t)}) = 0 \quad (3)$$

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Weight check equations for ...

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D222/D309

where  $W$  is a polynomial with integer coefficients. Every arithmetical operation occurring in a computer can be described in the form of Eq. (3). The considerations are confined to numbers (1), (2), satisfying the relations

$$x^{(k)} = \varepsilon^{(k)} \sum_{i=0}^n x_i^{(k)} g^i \quad (i \leq k \leq s)$$

$$y^{(1)} = \eta^{(1)} \sum_{i=0}^n y_i^{(1)} g^i \quad (i \leq 1 \leq t),$$

where  $g, x_i^{(k)}, y_i^{(1)}$  are integers, while,  $g \geq 2, 0 \leq x_i^{(k)}, y_i^{(1)}$

$/g/ - 1$ . The automatic check is reduced to verifying the relationships between the initial data (1) and the result of the arithmetical operation (2), using special checking circuits. The basic theorem, which is the foundation of this method, is proved. 4 references. [Abstracter's note: Complete translation.]

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S/044/63/000/002/047/050  
A060/A126

AUTHOR: Majerski, S.

TITLE: On the circuit check of digital computers

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1963, 82, abstract 2V457  
(Bull Acad. polon. sci. Sér. sci. techn., 1962, v. 10, no. 4, 231 -  
236; English; summary in Russian)

TEXT: The selection of an appropriate circuit check system on the operation of an automatic digital computer has a marked effect upon the probability of obtaining error-free computation results. When the machine operation is being checked the machine is operating with words of excess length. A portion of the digits of the word are information-bearing, and the remaining digits form the checking code. Both parts of the word are processed by the machine separately, whereupon the results are compared for the sake of checking the correctness of operation of the machine. Such a system makes it possible to uncover a single error. The simplicity of the checking circuits is ensured by the correct selection of the checking system, the appropriate division of the computer into such

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On the circuit check of digital computers

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A060/A126

parts as should check each other and, finally, the appropriate selection of time-check circuits (i.e., the utilization of the same check circuits at different time-intervals to carry out different functions). Check schemes differ for sequential and parallel adders.

G.Kh. Novik

[Abstracter's note: Complete translation]

Card 2/2

MAJERSKY, J

"Protected plants and conditions of their protection."

KRASY SLOVENSKA, Bratislava, Czechoslovakia, Vol. 36, no. 6, June 1959

Monthly List of East Europe Accessions (SEAI), LC, Vol. 3, No. 6, Sept 59  
Inclas

WYCHESKY, J., dr.

New standards. Strojenstvi 14 no. 1:76 3a'64.

MAJERSKY, Rudolf; BALASTIK, Jaroslav

Information from the trip to Hungary. Prum potravin  
14 no.2:78-81 F '63.

1. Sdruzeni lihovaru a konzervaren, Bratislava (for Majersky).
2. Slovacke lihovary a konzervarny, n.p., Uherske Hradiste  
(for Balastik).

MAJERSZKY, B.

Problems of technical development of oil drilling. p. 452.

Vol. 10, no. 9, Sept. 1955; Banyaszati Lapok. Hungarian bauxite  
mining is thirty years old. p.453

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

MAJERSZKY, K.

Homonymous central and paracentral disorders of the visual field  
in occipital lesions. Magy. belorv. arch 3 no 4 171-178 1950.

(CML 25:5)

1. Doctor. 2. Psychiatric and Neurologic Clinic of Debrecen University.



MAJERSZKY, Klara, dr.

Brain tumors and pregnancy. Ideg. szemle in *Magy. belorv. arch.*  
7 no.1:4-12 Feb 54.

1. A Debreceni Orvostudományi Egyetem Ideg - és Elmeklinikájának  
Közleménye.

(PREGNANCY, compl.  
brain tumors, management)

(BRAIN, neoplasms  
in pregn., management)

MAJETIC, Ervin, visi gradevinski tehnicar (Zagreb, Draskoviceva ul.46/III)

Frost damage to roads in Croatia. Tehnika Jug. 18 no.10:  
Supplement: Gradevinarstvo 17 no.10:1829-1833 0'63.

1. Zajednica poduzeca za ceste Hrvatske u Zagrebu.

MAJEWICZOWA, ZOFIA.

Krakowiak. Warszawa, Wydawn. Głównego Komitetu Kultury Fizycznej,  
1951. 116 p. Biblioteka kultury fizycznej The cracovienne, a dance.  
illus., footnotes, music.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

43748

P/053/62/000/006/004/009  
I010/I210

AUTHOR: Majewska, Aleksandra

TITLE: Tests for obtaining ceramic-to-metal seals by  
means of an active-solder method

PERIODICAL: Przegląd Elektroniki, no.6, 1962, 315-316

TEXT: A series of active solders was investigated for the seals necessary for some vacuum tube constructions. It was found that the AgMn solders are not suitable, the best results being obtained with AgCu43Ti13 (powder solder), AgCu28/Ti8, AgCu28/Zr10 (coat-solders) and with AgZr3 and AgZr5 (alloy solders). The soldering was performed in an induction oven at temperatures

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P/053/62/000/006, 004/009  
I010/I210

Tests for obtaining ceramic...

1000-1100°C with times of 0.5 to 2 min. Vacuum-tight seals of steatite-to-steatite (with  $\text{AgCu}_{43}\text{Ti}_{13}$ ) and of alundum ceramics with kovar have been obtained. It seems that the poor result with other than the mentioned Zr and Ti solders was caused by too high pressure during soldering.

ASSOCIATION: Instytut Elektroniki Przemysłowej (Institute of Industrial Electronics)

Card 2/2



STANKIEWICZ, Zofia; MIJAL, Kazimiera; MAJEWSKA, Barbara

Evaluation of nutrition on one of the state farms in  
Lublin Voivodeship. Roczn panstw zakl hig 14 no.5:453-460  
'63.

1. Laboratory of Nutrition Hygiene, Institute of Occupational  
Medicine and Rural Hygiene, Lublin.

Majewska, D.

3852

604.933.5 : 614.31 : 543.83

AG

Majewska D., Turkowski T. Examination of Tinned Hams after a Thermostat Test.

„Badanie szynek w puszkach pozostalych po próbie termostatowej”.  
Przemysł Spożywczy. No. 1, 1955, pp. 17—19, 3 tabs.

The fact is already established that sterilised preserves are not adversely affected by a thermostat test. In order to determine whether the same is true also of tinned ham, investigations were conducted in the Central Standardisation Inspection Laboratory. It was established that bacteriological examinations reveal no marked differences as between samples of tinned ham which have been thermostatised and those not thermostatised. In only three instances was a greater over-all number of bacteria revealed in thermostatised preserves. In the remaining (33) samples of thermostatised and non-thermostatised preserves the number of bacteria was 100 — 200 per 1 g.

(1)



L 34523-66

ACC NR: AP6024694

(A)

SOURCE CODE: PO/0071/65/000/007/0403/0406

AUTHOR: Majewska, Danuta--Mayevska, D.

ORG: Central Inspectorate of Standardization Laboratory, Gdynia (Centralny Inspektorat Standaryzacji, Laboratorium)

TITLE: Airtight closure of cans and methods of control

SOURCE: Medycyna weterynaryjna, no. 7, 1965, 403-406

TOPIC TAGS: canning method, food sanitation, bacteriology, bacteria

ABSTRACT: Study of several methods of testing the airtightness of canned foods in 108 specimens. Vacuum methods and utilization of the Escherichia coli serotype O<sub>11</sub>B<sub>4</sub> (the strain being distinguished by low thermal resistance, high gas forming capacity, and ease of identification) permitted the development of a very suitable and reliable method, which is described in detail. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: none / SOV REF: 002 / OTH REF: 011

Card 1/1

MAJEWSKA, F.; WAJNRYB, M.

Analyzing methods of commercial types of polyamides. Polimery  
tworz wielk 8 no.2:63-65 F '63.



MAJEWSKA, Halina; ZEBROWSKI, Leon (Pulawy)

Attempts to obtain incomplete particles of the Newcastle disease virus. Rocz nauk roln wet 70 no.1/4:230 '60.

(EEAI 10:9)

(Newcastle disease) (Viruses)

MAJEWSKA, H.

Poland/Chemical Technology - Chemical Products and Their Application. Treatment of Solid Mineral Fuels. I-12

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62539

Author: Gerzynska, J., Majewska, H., Werle J.

Institution: None

Title: Physicochemical Investigation of Low Temperature Tar

Original

Periodical: Z badan nad fizykochemia smoly niskotemperaturowej, Przem. chem., 1955, 11, No 10, 575-579; Polish; Russian and English resumés

Abstract: Presented are the characteristic and composition of semicoking coal tar. Distillations of crude oil are used as examples in considering the possibility of formation of various types of azeotropic mixtures. An attempt is made to effect partial separation of fractions by azeotropic distillation with phenol and acetic acid. Noted are the differences between petroleum, high and low temperature tars from the standpoint of the formation of polyazeotropic mixtures. It is shown that acetic acid forms with mesitylene an azeotropic mixture boiling 0.03° lower than acetic acid.

Card 1/1

COUNTRY : Poland H-22  
 CATEGORY :  
 ASS. CORR. : Archiv., No. 1958, No. 37878  
 AUTHOR : Majewska, H.; Werle, J.  
 INST. : Polish Academy of Sciences  
 TITLE : Azeotropic Method for Examining Some Fractions  
 of the Light Oil from Low-Temperature Coal Tar  
 Containing Mainly Benzene.  
 ORIG. PUB. : Bull. Acad. polon. sci. Ser. sci. chim. geol.  
 et geogr., 1958, 6, No 9, 601-604  
 ABSTRACT : 300 kg of light gasoline obtained from low-  
 temperature carbonization tar, were distilled in pilot-  
 plant column. 42 fractions of boiling range 60-150° were  
 collected. Distillation curve shows three plateaus corre-  
 sponding to benzene (I), toluene and isomeric xylenes and  
 ethyl benzene. Content of I in fractions of first plateau  
 was calculated from refraction coefficients, and fractions  
 were then distilled with acetone, after which the amount of  
 I obtained was compared with the first derived value. Good  
 agreement of results is noted. It was also found that I  
 forms with n-hexane and methyl cyclopentane, azeotropic  
 mixtures, BP 68.5° and 71.4° (respectively) containing 4.7%  
 and 11.7% by weight of I. -- L. Andreyev.

MAJEWSKA, H.  
COUNTRY : Poland  
CITY :

n-22

ABST. JOUR. : RZKhim., No. 20 1959, No. 7451

AUTHOR : Maciej, J.; Majewska, H.  
INST. : Inst. of Physical Chemistry  
TITLE : New method for the separation of gasoline from low-temperature carbonization tar.  
ORIG. PUB. : RZKhim., 1959, 31, No. 1, 145-146

ABSTRACT : Description of an azeotropic method developed by the Institute of Physical Chemistry (Polish People's Republic) for investigation of light gasoline from low-temperature carbonization tar. Fractions of boiling range 40-100°C, obtained on fractionation of gasoline, are distilled in the presence of compounds forming azeotropic mixtures (AM) with aliphatic hydrocarbons and naphthenes. Low boiling fraction containing benzene is fractionated with excess acetone, middle fraction containing toluene -- with excess methyl alcohol, high boiling fraction containing aromatic xylenes -- with excess pyridine. Thus, the corresponding ternary and quaternary AM are separated. The

CAID: 1/2

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MAJEWSKA, H.; WERLE, J.

Conversion of synthine-derived olefins to the C<sub>5</sub>-C<sub>8</sub> alcohols. Bul  
chim PAN 10 no.9:501-506 '62.

1. Institute of Physical Chemistry, Polish Academy of Sciences, and  
Institute of General Chemistry, Warsaw. Presented by W. Swietoslowski.



MAJEWSKI, Czeslaw; LEJA, Zbigniew; MAJEWSKA, Helena

Studies on collagen in the normal skin and in the cadaveric skin of patients with internal diseases. Pat. Pol. 15 no.1: 1-5 Ja-Mr'64

1. Z Zakladu Anatomii Patologicznej Szpitala Miejskiego im. J.Strusia w Poznaniu; kierownik: dr.med. C.Majewski.

\*

BACZYNSKI, Zbigniew; MAJEWSKA, Halina; ZALEWSKA, Elwira; ZEBROWSKI, Leon

Investigations on the variability of pathogenicity of Newcastle disease virus. Acta microbiol. Pol. 14 no.3/4:303-308 '65.

1. From the Laboratory of General Virology, Veterinary Research Institute, Pulawy. Submitted May 3, 1965.

ZEBROWSKI, Leon; MAJEWSKA, Halina

Investigations on the variability of the pathogenicity of the Newcastle disease virus. III. Influence of specific antibodies. Acta microbiol. pol. 12 no.2:91-96 '63.

1. From the Laboratory of General Virology, Institute of Veterinary Research, Pulawy, Poland.

(NEWCASTLE DISEASE VIRUS)      (ANTIBODIES)

MAJEWSKI, Czeslaw; WOLCZYŃSKA, Irena; MAJEWSKA, Helena

Basic and acid phosphatase in the liver of patients with mechanical jaundice. Pat. Pol. 15 no. 23169-176 Ap-Je 1964

1. Z Zakładu Anatomii Patologicznej przy Szpitalu Miejskim im. J. Strusia w Poznaniu (Kierownik: dr. med. Cz. Majewski); z III Kliniki Chirurgicznej Akademii Medycznej w Poznaniu (Kierownik: prof. dr. med. A. Wiskorcz).

MAJEWSKA, Irena

Work organization in the field of scientific-technical and economic  
information on electric power production. Akt probl inf dok 7  
no.5:59-65 S-0 '62.

DANIEWSKI, Wlodzimierz; MAJEWSKA, Iwonna

Acetylation of tert-butyl-m-xylene in the synthesis of ketone  
musk. Roczniki chemii 37 no.6:691-692 '63.

1. Department of Synthesis of Auxiliary Agents, Institute of  
General Chemistry, Warsaw.

MAJEWSKA, Irena, mgr inz.

Technological, scientific and economic information center for the  
electric power administration. Przegl techn 84 no.33:5 18 Ag '63.

MAJEWSKA, Jadwiga; DOMOSLAWSKA, Zdzislawa; KAMINSKA, Maria

3 Cases of congenital obstruction of the digestive system. Pediat.  
pol. 37 no.4:433-436 Ap '62.

1. Z Oddzialu Noworodkow Centralnego Szpitala Klinicznego MSW w Warszawie  
Ordynator: dr med. J. Majewska.

(GASTROINTESTINAL SYSTEM abnorm)



MAJEWSKA, Jadwiga; DOMOSLAWSKA, Zdzislawa

Pathological neonatal jaundice and its treatment. *Pediat. pol.* 37  
no.12:1303-1309 D '62.

1. Z Oddzialu Noworodkow Centralnego Szpitala Klinicznego MSW w  
Warszawie Ordynator: dr med. J. Majewska.  
(JAUNDICE NEONATAL)

MAJEWSKA, Janina; URBANOWICZ, Scholastyka

Determination of insoluble residue in acrylonitrilemethyl methacrylate copolymers. Chem anal 5 no.6:1045-1048 '60.

(EEAI 10:9)

1. Synthetic Fibers Department, Institute of Artificial and Synthetic Fibers, Lodz.

(Acrylonitrile) (Methyl) (Polymers and polymerization)

MAJEWSKA, Janina; URBANOWICZ, Scholastyka

Amperometric determination of acrylonitrile in the course of polymerization. Chem anal 6 no.5:841-844 '61.

1. Institute of Artificial and Synthetic Fibers, Lodz.

S/081/63/000/003/036/036  
B144/B186

AUTHORS: Majewska, Janina, Dawidowicz, Bohdan

TITLE: Method of determining the thermostability of films obtained from polyvinyl alcohol solutions

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1963, 644, abstract 3T412 (Polimery, tworzywa wielkocząsteczkowe, v. 7, no. 1, 1962, 20 - 21 [Pol.] )

TEXT: Polyvinyl alcohol (PA) turns yellow when heated for a certain time in hot air. The color change of the polymer depends on the quality of the PA used, the presence of admixtures, the temperature of treatment, etc. The study of the effect of different substances on the yellowing time of the polymer sample became an important problem with the aim of finding out those conditions at which the fibers, subjected to heat treatment at the technologically necessary temperature and duration, will not color. To achieve this, a rapid and suitable method was worked out, based on the determination of the thermostability of films obtained from PA solutions. The method consists in submerging a special test-tube end downwards into the PA solution being tested, and in the subsequent deposition of the

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Method of determining the thermostability ... S/081/63/000/003/036/036  
B144/B186

polymer film in a coagulation bath consisting, for example, of concentrated aqueous solution of sodium sulfate. The film obtained is dried, together with the test tube, and then the thermostability of the film is determined. The thermostability is measured in a glass thermostat filled with silicon oil and filled with jacketed agitator, a contact thermometer, a control thermometer, as well as an electric heating unit. The thermostat is represented diagrammatically and the results obtained with the PA Gosenol no. 0-57 polyvinyl alcohol are given in a table. Using this method, the thermostability of other polymers can also be determined. The results have shown that the presence of sodium acetate in the polymer is responsible for the rapid yellowing of the fibers during the heat treatment. With an increasing content of sodium acetate in the polymer the thermostability of the films and the fiber produced from polyvinyl alcohol decreases correspondingly. [Abstracter's note: Complete translation.]

Card 2/2

MAJLUSKA, Janina

Determination of small amounts of  $\epsilon$  - aminocaproic acid in its lactam. Chem anal 8 no.4:589-591 '63.

1. Department of Synthetic Fibers, Institute of Artificial and Synthetic Fibers, Lodz.

MAJEWSKA, Janina; URBANOWICZ, Scholastyka

Micromethod of determining the melting point of monomers  
and polymers. Polimery tworzywa wielk 9 no. 1:18-19 Ja '64.

1. Institute of Artificial and Synthetic Fibers, Lodz.

MAJEWSKA, Janina, mgr

Determination of humidity in caprolactam by using the Van der Meulen reagent. Chem anal 2 no 1:373-374 '64.

Determination of volatile bases in caprolactam. Ibid. 375-376

1. Zaklad Wlokien Syntetycznych Instytut Wlokien Naturalnych i Syntetycznych, Lodz.



MAJEWSKA, Janina, mgr; MILOSZ, Alicja

Color determination of aqueous caprolactam solutions by a photo-colorimeter. Chem anal 9 no.2:377-379 '64.

1. Zaklad Wlokien Sztucznych, Instytut Wlokien sztucznych i Syntetycznych, Lodz.

MAJEWSKA, Kalina (Warszawa, ul. Paryska 17/15.)

Resistance of bacteria cultured from conjunctival sac to antibiotics  
in cases of ulceration of the cornea. Polski tygod. lek. 12 no.50:1935-  
1936 16 Dec 57.

1. Z Inst. Doskonalenia i Specjalizacji Kadr Lekarskich w Warszawie;  
kierownik zakladu: prof. dr W. Arkin.

(CORNEA, ulcers

antibiotic resist. of bact. cultured from conjunctival sac  
(Pol))

(ANTIBIOTICS, ther. use

ulcers of cornea, resist. of bact. cultured from conjunc-  
tival (Pol))

MAJEWSKA, Maria

Therapy of chronic skin ulcerations with symphytum products. Polski tygod. lek. 10 no.11:333-335 14 Mar 55.

1. Z Kliniki Dermatologicznej Akademii Medycznej w Poznaniu; kierownik: prof. dr med. A. Strazynski i Zakladu Farmakologii Akademii Medycznej w Poznaniu; kierownik: prof. dr med. J. Dadlez. Poznan, Wawrzyniaka 21 m. 8.

(PLANTS, ther. use,  
symphytum in skin ulcers)

(SKIN, ulcers,  
ther. symphytum)

PAJLWSKA, Maria

Material security for the family of a deceased worker  
zabezp społ 8.03/4.63-92 '62.

1. Sekretarz redakcji "Praca i zabezpieczenie" 1. 1962.

MAJEWSKA, Maria

Some data on 15 years of activities of social insurance courts  
Praca zabezp spol 3 no.12:23-24 '61.

1. Sekretarz Redakcji "Praca i Zabezpieczenie Społeczne "

MAJEWSKA, Maria

Activities of the Bureau of Social Insurance in the year 1961 and its  
program for the nearest future. Praca i zabezp społ 4 no. 5: 29-32.  
My '62.

MAJEWSKA, Maria

Discrimination against married women in employment and professions.  
Praca zabezp spol 4 no.7:38-46 J1 '62.

MAJEWSKA, Maria

Employment of nurses on part-time working hours in Great Britain.  
Praca zabezp spol 4 no.9/10:69-71 S-0 '62.



MAJEWSKA, Maria

"Retirement pensions; a special handbook" by K. Mierantowski. Konstanty  
Siementowski, Jerzy Boczek, W. J. ... rojewski, ... Chmara,  
Tadeusz Gortat, ... Luch ... ..  
Marian Tyrowicz, Tadeusz Wasylewski, Wacław ... , Felik ...  
Reviewed by Maria Majewska. Praca zabezp sion ... 106-101 H ...

MAJEWSKA, Maria

Employment and vocational training of juveniles. Praca zabezp spcl  
5[1.e.4] no.6:40-43 Je '62.

MAJEWSKA, Maria, inż.

Application of the photographic method to the evaluation of the degree of brush sparking on the commutator of the direct current traction engine while feeding with pulsation voltage. Przegl elektrotechn 38 no.7:311 J1 '62.

1. Instytut Elektrotechniki Warszawa.

MAJEWSKA, Maria

Damages for accidents in employment and occupational diseases, from  
the debates of the Polish-Czechoslovak Seminary in Warsaw. Praca  
zabezp spol 5 no.1:29-32 Ja '63.